TRADE PRICE BOOK #227
AUGUST 1, 2014

CROWN
BOILER

NEW FOR 2014!

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PHANTOM

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Oil

Hot Water

Steam

Residential

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Residential

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PHANTOM

Condensing - Stainless Steel - Gas Fired - Hot Water

MODEL	NATURAL & LP GAS			AFUE %	APPROX. SHIPPING WEIGHT (LBS)	TRADE PRICE
	INPUT (MBH)	HEATING CAPACITY (MBH)	AHRI NET RATING (MBH)			
PHNTM080	80	74	64	93.2	165	$6,032.00
PHNTM100	100	92	80	93.3	167	$6,349.00
PHNTM120	120	111	97	93.0	173	$6,825.00
PHNTM150	150	141	123	94.0	195	$7,460.00
PHNTM180	180	167	145	93.2	195	$8,413.00

1. Not available for installation at elevations above 2,000 ft.

AHRI CERTIFIED MASS. APPROVED Intertek

Heat Exchanger constructed and tested in accordance with ASME Section IV standard

NEW FOR 2014

STANDARD EQUIPMENT
- Completely factory assembled, pre-wired and crated
- Stainless steel water tube heat exchanger
- Deluxe steel jacket with two tone finish
- 3/4" Boiler Drain
- Condensate Trap
- Combination Temperature/Pressure Gauge
- A.S.M.E. Relief Valve (30 psi)
- Integral Boiler Pump installed
- Stainless steel burner
- Variable Speed Blower Assembly; includes Variable Speed Blower, Negative Pressure Gas Valve and Gas/Air Venturi
- Flow Switch
- Fully modulating burner - 5:1 Turndown Ratio
- Direct Vent
- Micro Processor Control System with :
  - Digital display
  - Direct Spark Ignition
  - Outdoor Reset Temperature Sensor
  - Selectable domestic hot water priority
  - Pump controls (heating & domestic hot water)
- Wall Mounting Bracket

ORDERING EXAMPLE:
PHNTM080EN

FUEL
N = Natural Gas
Field convertible to LP gas

The Phantom has special venting and clearance requirements.
Consult the installation manual or the factory.

OPTIONAL EQUIPMENT

	TRADE PRICE
• 24 Volt LWCO Kit (P/N 761000)	$ 147.00
• Additional Optional Equipment	SEE PAGE 23

ARUBA 4 (AWR)

Built-in Rear Draft Diverter - Cast Iron - Gas Fired - Hot Water

MODEL	NO. OF SECS.	NATURAL GAS & LP GAS			AFUE %	APPROX. SHIPPING WEIGHT (LBS)	TRADE PRICE
		INPUT (MBH)	HEATING CAPACITY (MBH)	AHRI NET WATER RATING (MBH)			
AWR038	2	38	32	28	82.8	234	$2,980.00
AWR070	3	70	58	50	82.9	284	$3,240.00
AWR105	4	105	87	76	82.9	334	$3,447.00
AWR140	5	140	117	102	83.0	384	$3,763.00
AWR175	6	175	146	127	83.1	434	$4,253.00
AWR210	7	210	175	152	83.1	484	$4,790.00
AWR245	8	245	205	178	83.2	533	$5,276.00
AWR280	9	280	234	203	83.2	583	$5,690.00
Propane in place of Natural Gas - Add $50.00 to Trade Price Taco #0010 circulator in place of Taco #007 - Add $224.00 to Trade Price							

USA - For altitudes above 2,000 ft. ratings should be reduced at the rate of 4% for each 1,000 ft. above sea level.

AHRI CERTIFIED® MASS. APPROVED Intertek

Heat Exchanger constructed and tested in accordance with ASME Section IV standard

STANDARD EQUIPMENT

- Completely factory assembled, pre-wired and crated with built-in rear draft diverter
- Deluxe powder coated steel jacket with two-tone textured finish
- 3/4" Boiler Drain
- A.S.M.E. Relief Valve (30 psi)
- Taco #007 Circulator
- Vent Damper
- Switches - One Blocked Vent Switch and One Rollout Switch
- Complete Installation Instruction Manual
- Completely installed and wired gas control system with burners and manifold consisting of:
  - Stainless Steel Burners
  - Combination Pilot Burner/Electrode Flame Sensor
  - Step Opening Automatic Redundant Combination Gas Valve, 24 Volt
  - Honeywell Integrated Boiler Control System for Natural Gas or Propane Gas with Additional Circulator Output for Indirect Water Heater or Second Heating Zone
- Combination Pressure/Temperature Gauge
- Standard piping on the right side
  - Boiler is easily field convertible to left side piping
- Specify natural gas (N) or LP gas (L) when ordering
- Built-in non-combustible base

ORDERING EXAMPLE:
AWR105E(N/L)

FUEL
N = Natural Gas
L = LP Gas

OPTIONAL EQUIPMENT

	TRADE PRICE
• 24 Volt LWCO Kit (P/N 761000)	$ 147.00
• OC System	SEE PAGE 23
• Additional Optional Equipment	SEE PAGE 23

CAYMAN (CWI)

Built-in Draft Diverter - Cast Iron - Gas Fired - Hot Water - High Efficiency

MODEL	NO. OF SECS.	NATURAL GAS & LP GAS			AFUE %	APPROX. SHIPPING WEIGHT PACKAGED (LBS)	TRADE PRICE	
		INPUT (MBH)	HEATING CAPACITY (MBH)	AHRI NET WATER RATING (MBH)			PACKAGED BOILER WITH COIL	PACKAGED BOILER LESS COIL
CWI103	4	103	85	74	83.0	432	$5,253.00	N/A
CWI138	5	138	115	100	83.1	523	$5,626.00	N/A
CWI172	6	172	143	124	83.2	596	$6,118.00	N/A
CWI207	7	207	173	150	83.4	669	$6,631.00	N/A
CWI241	8	241	201	175	83.5	757	$7,129.00	N/A
CWI276	9	276	231	201	83.6	839	$7,552.00	N/A
CWI311*†	10	311	255	222	81.4**	977	$9,101.00	$8,549.00
CWI346*†	11	346	284	247	81.4**	1,044	$9,500.00	$8,711.00
CWI380*†	12	380	312	271	81.4**	1,125	$9,705.00	$9,152.00
LP Gas in place of Natural Gas - Add $50.00 to Trade Price Taco #0010 circulator in place of taco #007 - Add $224.00 to Trade Price								

USA - For altitudes above 2,000 ft. ratings should be reduced at the rate of 4% for each 1,000 ft. above sea level.
*CWI311, CWI346 and CWI380 not available for elevations above 2,000 ft., not available for use with LP Gas. Vent damper not included.
**Thermal Efficiency
†Available as Semi-Packaged Boiler. Contact factory for pricing.

AHRI CERTIFIED® MASS. APPROVED

Heat Exchanger constructed and tested in accordance with ASME Section IV standard

STANDARD EQUIPMENT

CWI PACKAGED BOILER - WITH TANKLESS COIL

- Completely factory assembled, pre-wired and crated with built-in draft diverter
- Deluxe powder coated steel jacket with two-tone textured finish
- 3/4" Boiler Drain
- Tankless Coil (With Coil model)
- A.S.M.E. Relief Valve (30 psi)
- Taco #007 (CWI103 through CWI276) Circulator
- Taco #0010 (CWI311 through CWI380) Circulator
- Stainless steel burners
- Vent Damper (Optional on CWI311 through CWI380)
- Honeywell L8124E Combination High Limit Control and Circulator Relay
- Step Opening Honeywell Automatic Redundant Combination gas valve with intermittent pilot
- Switches - one Spill Switch and one Rollout Switch
- Built-in non-combustible base
- Complete Installation Instruction Manual

CWI PACKAGED BOILER - WITHOUT TANKLESS COIL
CWI311/346/380 ONLY

Same as Above Except:

- No Tankless Coil
- L8148E in place of L8124E

ORDERING EXAMPLE:

CWI103E(N/L)(T/L)

Fuel	Coil
N = Natural Gas	T = With Coil
L = LP Gas	L = Less Coil

OPTIONAL EQUIPMENT

	TRADE PRICE
• 8" Vent Damper with Wire Harness (CWI311) (With Coil P/N: 9600385) (Less Coil P/N: 9600380)	$ 323.00
• 9" Vent Damper with Wire Harness (CWI346 and CWI380) (With Coil P/N: 9600395) (Less Coil P/N: 9600390)	$ 323.00
• Additional Optional Equipment	SEE PAGE 23

BALI (BWF)

Power Vent - Cast Iron - Gas Fired - Hot Water

MODEL	NO. OF SECS.	NATURAL GAS & LP GAS			AFUE %	APPROX. SHIPPING WEIGHT (LBS)	TRADE PRICE
		INPUT (MBH)	HEATING CAPACITY (MBH)	AHRI NET WATER RATING (MBH)			
BWF061	3	61	51	44	83.3	282	$3,951.00
BWF095	4	95	78	68	83.1	332	$4,216.00
BWF128	5	128	106	92	82.8	382	$4,531.00
BWF162	6	162	134	117	82.5	432	$4,988.00
BWF195	7	195	161	140	82.3	482	$5,367.00
BWF229	8	229	189	164	82.0	532	$5,720.00
Taco #0010 circulator in place of Taco #007 - Add $224.00 to Trade Price							

USA - For altitudes above 2,000 ft. ratings should be reduced at the rate of 4% for each 1,000 ft. above sea level.
*BWF boiler is for use with Category III venting. Boiler my be vented into a Category I chimney using optional Category I Vent Kit below.

AHRI CERTIFIED® MASS. APPROVED Intertek

Heat Exchanger constructed and tested in accordance with ASME Section IV standard

STANDARD EQUIPMENT
- Completely factory assembled, pre-wired and crated
- Deluxe powder-coated steel jacket with two tone textured finish
- Universal Vent System Adapter with gasket
- Flame Rollout Safety Shut-Off (Rollout Switch)
- Vacuum Switch for proving air flow
- Combination Pressure/Temperature Gauge
- Taco #007 circulator
- 3/4" boiler drain valve
- A.S.M.E. Relief Valve (30 psi)
- Built-in non-combustible base
- Completely installed and wired gas control system with burners and manifold consisting of:
  - Stainless Steel Burners
  - Step Opening Automatic Redundant Combination Gas Valve, 24 Volt
  - Honeywell Integrated Boiler Control System for Natural or Propane Gas with Additional Circulator Output for Indirect Water Heater Circulator or Second Heating Zone
  - Combination Pilot Burner Electrode/Flame Sensor
- Complete Installation Instruction Manual
- 3" Vent Collar (BWF061 - BWF162)
- 3" and 4" Vent Collar (BWF195 - BWF229)

ORDERING EXAMPLE:
BWF061E(N/L)

FUEL
N = Natural Gas
L = LP Gas

The BWF has special venting and clearance requirements.
Consult the Installation Manual or the factory.

OPTIONAL EQUIPMENT

	TRADE PRICE
• 24 Volt LWCO Kit (P/N 761000)	$ 147.00
• Category I Vent Adaptor Kit (BWF061 through BWF128) (P/N: 650140)	$ 210.00
• Category I Vent Adaptor Kit (BWF162 through BWF229) (P/N: 650141)	$ 210.00
• Additional Optional Equipment	SEE PAGE 23

CABO 2 (CWD)

Direct Vent - Cast Iron - Gas Fired - Hot Water - High Efficiency - Energy Star

MODEL	NO. OF SECS.	NATURAL GAS & LP GAS			AFUE %	APPROX. SHIPPING WEIGHT (LBS)	TRADE PRICE
		INPUT (MBH)	HEATING CAPACITY (MBH)	AHRI NET WATER RATING (MBH)			
CWD060	3	60	51	44	85.1	280	$4,170.00
CWD083	4	82	71	62	85.1	315	$4,386.00
CWD110	5	110	94	82	85.2	350	$4,651.00
CWD138	6	137	118	103	85.2	385	$5,105.00
CWD165	7	165	142	123	85.2	420	$5,507.00
CWD193	8	192	165	143	85.2	475	$6,215.00
CWD220	9	220	189	164	85.2	525	$6,535.00
CWD245	**10**	**245**	**211**	**183**	**85.3**	**580**	**$6,840.00**
Taco #0010 circulator in place of Taco #007 - Add $224.00 to Trade Price							

AHRI CERTIFIED® MASS. APPROVED

Heat Exchanger constructed and tested in accordance with ASME Section IV standard

STANDARD EQUIPMENT

- Completely factory assembled, pre-wired and crated
- Deluxe steel jacket with two tone textured finish
- Pressure Differential Switch for Proving Air Flow
- Universal Vent System Adapter
- Wet Leg Cast Iron Heat Exchanger
- Combination Pressure/Temperature Gauge
- Taco #007 Circulator
- 3/4" Boiler Drain Valve
- A.S.M.E. Relief Valve (30 psi)
- Built-in Non-Combustible Base
- Completely Installed and Wired Gas Control System with Burner and Manifold Consisting of:
  - Stainless Steel Burners
  - Step Opening Automatic Redundant Combination Gas Valve, 24V Pilot Filter
  - Honeywell Integrated Boiler Control System for Natural or Propane Gas with Additional Circulator Output for Indirect Water Heater Circulator or Second Heating Zone
- 3" Vent Collar (CWD060 - CWD138)
- 3" and 4" Vent Collar (CWD165 - CWD193)
- 4" Vent Collar (CWD220 - CWD245)
- Complete Installation Instruction Manual

The CWD has special venting and clearance requirements.
Consult the installation manual or the factory.

OPTIONAL EQUIPMENT

	TRADE PRICE
• 24 Volt LWCO Kit (P/N 761000)	$ 147.00
• 3" CWD Horizontal Concentric Vent Terminal (P/N: 50-003)	$ 519.00
• 4" CWD Horizontal Concentric Vent Terminal (P/N: 50-004)	$ 531.00
• Vertical Concentric Vent Kit (For Use with 3" Vent Pipe Only) (P/N: 500005)	$ 128.00
• Additional Optional Equipment	SEE PAGE 23

BIMINI (BWC)

Direct Vent - Aluminum - Condensing - Gas Fired - Hot Water - Wall Mounted Models

MODEL	NATURAL GAS & LP GAS			AFUE %	APPROX. SHIPPING WEIGHT (LBS)	TRADE PRICE W/ CONCENTRIC VENT KIT	TRADE PRICE W/ CPVC/PVC VENT KIT
	INPUT (MBH)	HEATING CAPACITY (MBH)	AHRI NET WATER RATING (MBH)				
BWC070	70	63	55	91.0	143	$7,116.00	$7,451.00
BWC090	90	80	70	91.0	143	$7,142.00	$7,476.00
BWC120	120	107	93	90.0	149	$7,475.00	$7,736.00
BWC151	150	135	117	90.5	168	$8,755.00	$8,911.00

STANDARD EQUIPMENT

- Completely factory assembled, pre-wired and crated
- Cast aluminum heat exchanger
- Deluxe steel jacket with two tone textured finish
- 3/4" Boiler Drain
- Condensate Trap
- Combination Temperature/Pressure Gauge
- A.S.M.E. Relief Valve (30 psi)
- Taco Circulator
- Stainless steel burner
- Variable Speed Blower Assembly; includes Variable Speed Blower, Negative Pressure Gas Valve and Gas/Air Venturi
- Differential Pressure Switch for proving air flow
- Probe Style LWCO
- Listed Safety Limit Control
- Fully Modulating Burner
- Direct Vent
- Micro Processor Control System with :
  - Digital Display
  - Direct Spark Ignition
  - Outdoor Reset Temperature Sensor
  - Domestic Hot Water Priority
  - Pump Controls (heating & domestic hot water)
- Wall Mounting Bracket
- Boilers equipped for concentric venting include Vent Collar, 90^{O} Elbow, 22" Cuttable Straight Length with Termination and Wall Grommets.
- Boilers equipped for CPVC/PVC venting include 3" Vent Collar, 3"– 90^{O} CPVC Elbow, 3" x 30" CPVC Straight Section, (2) 3" PVC T-terminals with Rodent Screens and CPVC/PVC Transition Cement and Primer.

AHRI CERTIFIED

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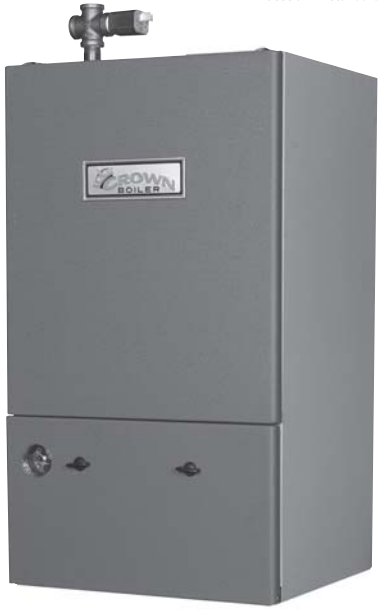
Heat Exchanger constructed and tested in accordance with Section IV standard



The BWC has special venting and clearance requirements. Consult the installation manual or the factory.

ORDERING EXAMPLE:
BWC090E(N/L)(S/V)

Fuel	Venting
N = Natural Gas	S = PPs Concentric Vent Kit
L = LP Gas	V = CPVC/PVC Vent Kit

OPTIONAL EQUIPMENT

	TRADE PRICE
• Floor Mounting Pedestal Kit (Models BWC070/090/120) (P/N: 230650)	$ 199.00
• Floor Mounting Pedestal Kit (Model BWC151) (P/N: 230651)	$ 219.00
• 5.0 Gallon Container of Hydronic System Inhibited Anti-Freeze (Contains CHP Protector) (P/N: 900076)	$ 311.00
• 1/2 Liter Bottle of CHP Protector (Inhibitor to Protect all Metals)(P/N: 900070)	$ 79.00
• 1-TK Test Kit (Measures Concentration Level of the CHP Protector in the System) (Good for 25 Tests)(P/N:900080)	$ 91.00
• Protector Test Strips (50 Strips per bottle) (P/N: 900082)	$ 59.00
• Boiler Commissioning Kit (1 Pint F1 Protector & F3 Cleaner, 4 PH Strips & 2-60 Second Test Strips) (P/N: 900085)	$ 144.00
• Adapter for Venting with Stainless Steel (P/N: 230510)	$ 149.00
• Stainless Steel Horizontal Vent Terminal (P/N: 230511)	$ 108.00
• AM-4 Multiple Boiler Interface Kit with Ribbon Cable (MCBA Models Only)(P/N: 3501080A)	$ 241.00
• GCI PC Interface Kit (MCBA Models Only) (P/N: 249905)	$ 288.00
• PVC Concentric Terminal (P/N: 230873)	$ 241.00
• Vent Kit to field convert concentric vent boiler to CPVC/PVC Venting (P/N: 230595)	$ 444.00
• Vent Kit to field convert CPVC/PVC vent boiler to 60/100 mm Concentric Venting (P/N: 230585)	$ 281.00
• Vent Kit to field convert CPVC/PVC vent boiler to 80/125 mm Concentric Venting (P/N: 230586)	$ 387.00
• Polypropylene Liner System (for concentric venting BWC boiler through an unused, single flue masonry chimney)	SEE PAGE 23

BIMINI BUDDY

Domestic Hot Water Combi - Indirect Water Heater - Heat Only

MODEL	DESCRIPTION	APPROX. SHIPPING WEIGHT (LBS)	TRADE PRICE
BB100C*	Combi unit with heat exchanger for domestic hot water	35	$2,043.00
BB100I*	Indirect unit with connections for an indirect water heater	31	$1,399.00
BB100H†	Heat only unit	28	$944.00

*For use with BWC070/090/120/151 boilers only
†For use with PHNTM080/100/120/150/180 boilers or BWC070/090/120/151 boilers only

Standard Equipment on Heat Only and all Bimini Buddy Models
- Factory assembled for installation on the right side of the boiler
- Deluxe painted cover with slots for mounting on the wall
- Hydraulic Separator with:
  - Boiler Connections
  - Heating System Connections
  - Expansion Tank and Air Elimination Connections

Standard Equipment on Bimini Buddy "Combi" (BB100C) Model
- All of the above standard equipment and:
  - Brazed Plate Heat Exchanger for domestic hot water
  - 120 volt Three Way Zone Valve and Flow Switch for domestic hot water priority

Standard Equipment on Bimini Buddy "Indirect Water Heater" (BB100I) Model
- All of the above standard equipment and:
  - 120 volt Three Way Zone Valve for Domestic Hot Water Priority
  - Indirect Water Heater Connections (1" Copper)

BIMINI (COMMERCIAL BWC)

Commercial - Direct Vent - Aluminum - Condensing - Gas Fired - Hot Water

MODEL	NO. OF SECS.	NATURAL OR LP GAS				EFFICIENCIES %		APPROX SHIPPING WEIGHT (LBS)	TRADE PRICE
		INPUT (MBH)		GROSS OUTPUT (MBH)	AHRI NET RATING (MBH)	THERMAL	COMBUSTION		
		MAX	MIN						
BWC300	5	300	100	265	230	88.2	93.1	438	$14,623.00
BWC399	7	399	106	350	304	87.6	91.7	535	$18,275.00
BWC425	7	425	106	367	320	86.5	90.9	535	$18,275.00

Heat Exchanger constructed and tested in accordance with ASME Section IV standard

STANDARD EQUIPMENT

- Factory assembled and wired
- Cast aluminum heat exchanger
- Deluxe powder coated steel jacket
- Condensate Trap
- Combination Temperature/Pressure Gauge
- ASME Relief Valve (30 PSI)
- Taco Circulator
- Stainless steel burner
- Vairable Speed Blower
- Negative Pressure Gas Valve
- Differential Pressure Switches for proving air flow
- Probe-style LWCO
- Listed Safety Limit Control
- Fully Modulating
- Adaptor for 5" Stainless Steel Venting (BWC399/425)
- Adaptor for 100/150 Concentric Venting (BWC300)
- Microprocessor Control System with:
  - Digital Touch Pad and Display
  - Direct Spark Ignition
  - Outdoor Reset Temperature Sensor
  - Domestic hot water priority
  - Pump Controls (heating and domestic hot water)
  - Input for 0-10VDC Modulation Signal

The BWC has special venting and clearance requirements.
Consult the installation manual or the factory.

OPTIONAL EQUIPMENT

	TRADE PRICE
• 4" Stainless Steel Horizontal Vent Terminal (P/N: 230513)	$ 84.00
• 5" Stainless Steel Horizontal Vent Terminal (P/N: 230514)	$ 167.00
• Adaptor For Venting BWC300 with 4" Stainless Steel Venting (P/N: 230557)	$ 256.00
• AM-4 Interface Kit with Ribbon Cable (Use for Alarm Output) (P/N: 3501080A) (All Models)	$ 241.00
• 5.0 Gallon Container of Hydronic System Inhibited Anti-Freeze (Contains CHP Protector) (P/N: 900076)	$ 311.00
• 1/2 Liter Bottle of CHP Protector (Corrosion Inhibitor) (P/N: 900070)	$ 79.00
• 1-TK Test Kit (Checks Concentration of CHP Protector in System - 25 Tests) (P/N: 900080)	$ 91.00
• L-4006E 1125 Manual Reset High Limit (Maximum Setting 200) (P/N: 3503610)	$ 320.00
• Protector Test Strips (50 Strips per bottle) (P/N: 900082)	$ 59.00
• Boiler Commissioning Kit (1 Pint F1 Protector & F3 Cleaner, 4 PH Strips & 2-60 Second Test Strips) (P/N: 900085)	$ 144.00
• Polypropylene Liner System for BWC300 (For Concentric Venting BWC Through an Unused, Single Flue Masonry Chimney)	SEE PAGE 23

BERMUDA (BSI)

Built-in Draft Diverter - Cast Iron - Gas Fired - Steam

MODEL	NO. OF SECS.	NATURAL OR LP GAS				AFUE %	APPROX. SHIPPING WEIGHT PACKAGED (LBS)	TRADE PRICE
		INPUT (MBH)	HEATING CAPACITY (MBH)	AHRI NET RATING STEAM				
				SQ. FT.	MBH			
BSI069	3	69	57	179	43	81.9	354	$4,181.00
BSI103	4	103	85	267	64	82.0	432	$4,519.00
BSI138	5	138	113	354	85	82.0	504	$4,992.00
BSI172	6	172	142	446	107	82.1	589	$5,404.00
BSI207	7	207	171	533	128	82.1	669	$6,090.00
BSI241†	8	241	199	621	149	82.2	745	$6,558.00
BSI276†	9	276	229	708	172	82.2	826	$6,991.00
BSI311*†	10	310	240	790	180	77.5**	957	$7,776.00
BSI346*†	11	345	267	879	200	77.5**	1,044	$8,434.00
BSI380*†	12	379	294	966	221	77.5**	1,125	$8,776.00
LP Gas in place of Natural Gas - Add $50.00 to Trade Price #67 LWCO in place of Probe LWCO - Add $201.00 to Trade Price								

USA -For Altitudes Above 2,000 ft. Ratings Should Be Reduced at the Rate of 4% for Each 1,000 ft. Above Sea Level.
*BSI311, BSI346 and BSI380 Not Available for Elevations Above 2,000 ft., not available for use with LP Gas. Vent Damper not included.
**Thermal Efficiency
†Available as Semi-Packaged Boiler. Contact Factory for Pricing.

AHRI CERTIFIED® MASS. APPROVED ETL LISTED

Heat Exchanger constructed and tested in accordance with ASME Section IV standard

STANDARD EQUIPMENT
BSI - PACKAGED BOILER
- Completely factory assembled, pre-wired and crated
- Deluxe powder coated steel jacket with two tone textured finish
- Steam Pressure Gauge
- 3/4" Boiler Drain
- A.S.M.E. Pop Safety Valve (15 psi)
- L-404F Pressure-Trol
- Stainless steel burners
- Gauge glass set
- Switches - one Spill Switch and One Rollout Switch
- CG400A Probe Low Water Cutoff mounted
- Vent Damper (BSI069 through BSI276 Only)

ORDERING EXAMPLE:
BSI103E(N/L)(P/F)

Fuel	LWCO
N = Natural Gas	P = Probe Type
L = LP Gas	F = Float Type

OPTIONAL EQUIPMENT

	TRADE PRICE
• Near Boiler Piping Kit for BSI069/103/138/172 (P/N: 850095)	$ 468.00
• Near Boiler Piping Kit for BSI207 (P/N: 850096)	$ 778.00
• Near Boiler Piping Kit for BSI241/276 (P/N: 850097)	$ 914.00
• Near Boiler Piping Kit for BSI311/346/380 (P/N: 850098)	$ 1,125.00
• 8" Vent Damper with wire harness (BSI311) (P/N: 9600360)	$ 323.00
• 9" Vent Damper with wire harness (BSI346 and BSI380) (P/N: 9600370)	$ 323.00
• Additional Optional Equipment	SEE PAGE 23

TOBAGO (TWZ)

Wet Base - Cast Iron - Oil Fired - Hot Water

MODEL	NO. OF SECS.	HEATING CAPACITY (MBH)	AHRI NET WATER RATING (MBH)	BURNER CAPACITY (GPH)	TANKLESS HEATER (GPM)	AFUE%	APPROX. SHIPPING WEIGHT (LBS)	TRADE PRICE					
								PACKAGED BOILER BECKETT		PACKAGED BOILER CARLIN		PACKAGED BOILER RIELLO	
								WITH COIL	LESS COIL*	WITH COIL	LESS COIL*	WITH COIL	LESS COIL*
TWZ065	3	80	70	0.65	2.75	86.1	560	$4,855.00	$4,598.00	$4,855.00	$4,598.00	N/A	N/A
TWZ075	3	91	79	0.75	3.00	85.8	560	$4,855.00	$4,598.00	N/A	N/A	$5,038.00	$4,782.00
TWZ100	3	120	104	1.00	3.25	84.3	560	$4,855.00	$4,598.00	$4,855.00	$4,598.00	$5,038.00	$4,782.00
TWZ090	4	111	97	0.90	3.25	86.0	680	$5,451.00	$5,196.00	$5,451.00	$5,196.00	N/A	N/A
TWZ125	4	152	132	1.25	3.75	85.1	680	$5,451.00	$5,196.00	$5,451.00	$5,196.00	$5,561.00	$5,306.00
TWZ150	4	179	156	1.50	4.00	84.0	680	$5,451.00	$5,196.00	$5,451.00	$5,196.00	$5,883.00	$5,629.00
TWZ120	5	147	128	1.20	3.50	85.9	800	$6,288.00	$6,032.00	$6,288.00	$6,032.00	N/A	N/A
TWZ175	5	210	183	1.75	4.25	85.1	800	$6,288.00	$6,032.00	$6,288.00	$6,032.00	$6,715.00	$6,461.00
TWZ200	5	238	207	2.00	4.75	84.7	800	$6,288.00	$6,032.00	N/A	N/A	$6,715.00	$6,461.00

Taco #0010 circulator in place of Taco #007 - Add $224.00 to Trade Price
2-Stage Fuel Pump in place of Single State Fuel Pump (mounted) (Beckett only) - Add $143.00 to Trade Price
Hydrolevel Hydrostat #3250 (combination aquastat & LWCO) in place of Honeywell Aquastat:
Less Coil boiler - Add $183.00 to Trade Price
With Coil boiler - Add $94.00 to Trade Price

1. Tankless heater ratings based on an average temperature rise of 90°F with 200°F boiler water temperature and 40°F heater inlet temperature (intermittent draw).
2. Input based on 140,000 BTUs per gallon #2 fuel oil.

AHRI CERTIFIED® M.E.A. APPROVED 23-01-E

Heat Exchanger constructed and tested in accordance with ASME Section IV standard

TWZ - WITH COIL

STANDARD EQUIPMENT - PACKAGED BOILER - WITH TANKLESS COIL

- Completely factory assembled, pre-wired and crated
- Tankless Coil (installed)
- Deluxe powder coated steel jacket with two tone textured finish
- Combination Temperature/Pressure Gauge
- Boiler Drain
- Oil Burner with Cad Cell Relay & Nozzle
- A.S.M.E. Relief Valve (30 psi)
- L-7224A Electronic Aquastat Relay
- Barometric Draft Regulator
- Taco #007 Circulator
- Pre-wired w/ 3-Prong Twist Plug
- Cast Iron Swing Door

ORDERING EXAMPLE:
TWZ100BOT

TWZ - LESS COIL

STANDARD EQUIPMENT - PACKAGED BOILER - WITHOUT TANKLESS COIL:

Same as Above Except:

- No Tankless Coil or coil opening
- L-7248L in place of L-7224

ORDERING EXAMPLE:
TWZ100BOL

BOILER NOT FOR DIRECT INSTALLATION ON COMBUSTIBLE FLOORS

OPTIONAL EQUIPMENT

	TRADE PRICE
• Extra Rating Plate and Nozzle (Specify Model)	$ 20.00
• Additional Optional Equipment	SEE PAGE 23

TWZ "SHORTY" PAC

Wet Base - Cast Iron - Oil Fired - Hot Water

MODEL	NO. OF SECS.	TRADE PRICE							
		BLOCK/ JACKET ASSEMBLY		BECKET BURNER & CONTROL CARTON		CARLIN BURNER & CONTROL CARTON		RIELLO BURNER & CONTROL CARTON	
		WITH COIL	LESS COIL	WITH COIL	LESS COIL	WITH COIL	LESS COIL	WITH COIL	LESS COIL
TWZ065	3	TWZ003WCZ3SH $3,127.00	TWZ003LCZ3SH $2,934.00	131065BTT $1,728.00	1311065BLT $1,664.00	131065CTT $1,728.00	131065CLT $1,664.00	N/A	N/A
TWZ075	3	TWZ003WCZ3SH $3,127.00	TWZ003LCZ3SH $2,934.00	131075BTT $1,728.00	131075BLT $1,664.00	N/A	N/A	131075RTT $1,911.00	131075RLT $1,848.00
TWZ100	3	TWZ003WCZ3SH $3,127.00	TWZ003LCZ3SH $2,934.00	131100BTT $1,728.00	131100BLT $1,664.00	131100CTT $1,728.00	131100CLT $1,664.00	131100RTT $1,911.00	131100RLT $1,848.00
TWZ090	4	TWZ004WCZ3SH $3,607.00	TWZ004LCZ3SH $3,415.00	131090BTT $1,844.00	131090BLT $1,781.00	131090CTT $1,844.00	131090CLT $1,781.00	N/A	N/A
TWZ125	4	TWZ004WCZ3SH $3,607.00	TWZ004LCZ3SH $3,415.00	131125BTT $1,844.00	131125BLT $1,781.00	131125CTT $1,844.00	131125CLT $1,781.00	131125RTT $1,954.00	131125RLT $1,891.00
TWZ150	4	TWZ004WCZ3SH $3,607.00	TWZ004LCZ3SH $3,415.00	131150BTT $1,844.00	131150BLT $1,781.00	131150CTT $1,844.00	131150CLT $1,781.00	131150RTT $2,276.00	131150RLT $2,214.00
TWZ120	5	TWZ005WCZ3SH $4,459.00	TWZ005LCZ3SH $4,266.00	131120BTT $1,829.00	131120BLT $1,766.00	131120CTT $1,829.00	131120CLT $1,766.00	N/A	N/A
TWZ175	5	TWZ005WCZ3SH $4,459.00	TWZ005LCZ3SH $4,266.00	131175BTT $1,829.00	131175BLT $1,766.00	131175CTT $1,829.00	131175CLT $1,766.00	131175RTT $2,256.00	131175RLT $2,195.00
TWZ200	5	TWZ005WCZ3SH $4,459.00	TWZ005LCZ3SH $4,266.00	131200BTT $1,829.00	131200BLT $1,766.00	N/A	N/A	131200RTT $2,256.00	131200RLT $2,195.00

Taco #0010 circulator in place of Taco #007 - Add $224.00 to Trade Price
2-Stage Fuel Pump in place of Single State Fuel Pump (mounted) (Beckett only) - Add $143.00 to Trade Price
Hydrolevel Hydrostat #3250 (combination aquastat & LWCO) in place of Honeywell Aquastat:
Less Coil boiler - Add $183.00 to Trade Price
With Coil boiler - Add $94.00 to Trade Price

For a complete package, order a block/jacket assembly and one of the corresponding burner/control cartons

AHRI CERTIFIED M.E.A. APPROVED 23-01-E

Heat Exchanger constructed and tested in accordance with ASME Section IV standard

BOILER NOT FOR DIRECT INSTALLATION ON COMBUSTIBLE FLOORS

STANDARD EQUIPMENT

Boiler Battery

- Cast Iron Block
- Cast Iron Swing Door
- Deluxe powder-coated steel jacket with two tone textured finish
- Tankless Coil boilers come with coil and gasket installed
- Without Tankless Coil boilers are without coil opening

ORDERING EXAMPLE:
TWZ003WCZ3SH and 131065BTT

STANDARD EQUIPMENT

Burner & Control Carton

- Oil Burner
  - Pre-wired w/ 3-prong twist plug
- Pre-wired Aquastat & Well
  - L-7248L (Less Coil) or L-7224A (With Coil)
- Taco #007 Circulator
- Barometric Draft Regulator
- 1-1/2" Flange Set and Fittings
- Temp/Pressure Gauge
- 3/4" Relief Valve
- 3/4" Boiler Drain
- Installation/Operation Manual

STYLE	SHORTY		STANDARD PACKAGE	
	WIDTH	DEPTH	WIDTH	DEPTH
TWZ-3 SEC	28"	23"	30"	36"
TWZ-4 SEC	28"	28"	30"	41"
TWZ-5 SEC	28"	33"	30"	51"

OPTIONAL EQUIPMENT . . . . . See Page 11 Tobago (TWZ)

FREEPORT II (FWZ)

3 Pass - Residential - Cast Iron - Oil - Hot Water

MODEL	NO. OF SECS.	BURNER INPUT		HEATING CAPACITY (MBH)	AHRI NET RATING (MBH)	AFUE (%)	TRADE PRICE				APPROX. SHIPPING WEIGHT (LBS)
							BOILER		BURNER BOX		
		GPH	MBH				PACKAGED (LESS: BURNER)	PACKAGED (LESS: BURNER, CIRCULATOR, DAMPER)	BECKETT	RIELLO	
FWZ060	2	0.60	84	73	63	86.0	FWZ002LCZ1SP $ 3,264.00	FWZ002LCZ2SP $ 3,056.00	41060B $ 901.00		430
FWZ080	2	0.80	112	97	84	86.3	FWZ002LCZ1SP $ 3,264.00	FWZ002LCZ2SP $ 3,056.00	41080B $ 969.00		430
FWZ100	3	1.00	140	123	107	87.0	FWZ003LCZ1SP $ 3,782.00	FWZ003LCZ2SP $ 3,577.00	41100B $ 898.00	41100R $ 997.00	545
FWZ130	4	1.30	182	160	139	87.1	FWZ004LCZ1SP $ 4,347.00	FWZ004LCZ2SP $ 4,142.00	41130B $ 898.00	41130R $ 997.00	658
FWZ160	5	1.60	222	197	171	87.1	FWZ005LCZ1SP $ 4,692.00	FWZ005LCZ2SP $ 4,481.00	41160B $ 898.00	41160R $ 997.00	771
Hydrolevel Hydrostat #3250 - Add $183.00 to TRADE PRICE											

1. Input based on 140 MBH per gallon #2 fuel oil

Heat Exchanger constructed and tested in accordance with ASME Section IV standard

COMPLETE BOILER REQUIRES ONE OF EACH:
PACKAGED BOILER AND BURNER BOX

FREEPORT II - FWZ - STANDARD EQUIPMENT
- 3-pass cast iron block
- Cast Iron Swing Door with burner plug
- Deluxe powder coated steel jacket with two tone textured finish
- A.S.M.E. relief valve (30 PSI)
- Combination temperature/pressure gauge
- Taco #007 circulator
- Barometric damper
- Honeywell L7248L aquastat with thermal purge
- Sparge tube (boiler return injector)

BURNER BOX
- Beckett or Riello burner
- 3-prong quick disconnect cord
- FWZ080 burner box includes second pass flue baffles
-

ORDERING EXAMPLE
FWZ002LCZ1SP and 41080B

*Burner box packaged separately.

OPTIONAL EQUIPMENT

	TRADE PRICE
• 120 Volt LWCO Kit (P/N: 411000)	$ 289.00
• Hydrolevel OS-100 Outdoor Sensor Kit for Boiler Equipped with Hydrolevel Hydrostat #3250	$ 57.00
• OC Panel System	SEE PAGE 23
• Additional Optional Equipment	SEE PAGE 23

FREEPORT II (FSZ)

3 Pass - Residential - Cast Iron - Oil - Steam

MODEL	NO. OF SECS	BURNER INPUT		HEATING CAPACITY (MBH)	AHRI NET RATINGS		AFUE (%)	TRADE PRICE				SHIPPING WEIGHT (LBS)
								BOILER		BURNER BOX		
		GPH	MBH		MBH	SQ. FT.		PACKAGED (LESS: BURNER, TANKLESS COIL)	PACKAGED (LESS BURNER, WITH TANKLESS COIL)	BECKETT	RIELLO	
FSZ080	3	0.80	112	97	73	303	85.7	FSZ003LCZ1SP $4,539.00	FSZ003WCZ1SP $4,973.00	42080B $898.00		607
FSZ100	3	1.00	140	122	92	381	86.0	FSZ003LCZ1SP $4,539.00	FSZ003WCZ1SP $4,973.00	42100B $969.00	42100R $1,057.00	607
FSZ130	4	1.30	182	158	119	494	86.0	FSZ004LCZ1SP $5,304.00	FSZ004WCZ1SP $5,661.00	41130B $898.00	41130R $997.00	744
FSZ160	5	1.60	224	195	146	610	85.9	FSZ005LCZ1SP $6,095.00	FSZ005WCZ1SP $6,554.00	41160B $898.00	41160R $997.00	881

1. Input based on 140 MBH per gallon #2 fuel oil

Heat Exchanger constructed and tested in accordance with ASME Section IV standard

COMPLETE BOILER REQUIRES ONE OF EACH:
PACKAGED BOILER AND BURNER BOX

FREEPORT II - FSZ - STANDARD EQUIPMENT - ALL BOILERS
- 3-pass cast iron block
- Cast iron swing door with burner plug
- Deluxe powder coated steel jacket with two tone textured finish
- A.S.M.E. safety valve (15 PSI)
- Pressure gauge
- Barometric damper
- Hydrolevel CG450 probe low water cutoff
- Honeywell L404 pressure limit

WITH COIL BOILERS INCLUDE
- Tankless coil
- Honeywell L4006A limit control

BURNER BOX
- Beckett or Riello burner
- 3-prong quick disconnect cord
- FSZ100 burner box includes second pass flue baffles

ORDERING EXAMPLE:
FSZ003LCZ1SP and 42080B

*Burner box packaged separately.

OPTIONAL EQUIPMENT

	TRADE PRICE
• Near Boiler Piping Kit for FSZ080/100/130 (P/N: 421095)	$ 696.00
• Near Boiler Piping Kit for FSZ160 (P/N: 421096)	$ 1,107.00
• Additional Optional Equipment	SEE PAGE 23

KINGSTON (KSZ)

Wet Base - Cast Iron - Oil Fired - Steam

MODEL	NO. OF SECS.	HEATING CAPACITY (MBH)	AHRI		INPUT (GPH)	TANKLESS COIL RATING (GPM)	AFUE%	APPROX. SHIPPING WEIGHT (LBS)	TRADE PRICE					
			NET OUTPUT (MBH)	SQ. FT. RAD.					PACKAGED WITH BECKETT		PACKAGED WITH CARLIN		PACKAGED WITH RIELLO	
									WITH COIL	LESS COIL	WITH COIL	LESS COIL	WITH COIL	LESS COIL
KSZ065	3	78	56	233	0.65	2.25	85.1	570	$5,253.00	$4,783.00	$5,253.00	$4,783.00	N/A	N/A
KSZ075	3	90	68	283	0.75	2.25	84.5	570	$5,253.00	$4,783.00	N/A	N/A	$5,436.00	$4,964.00
KSZ100	3	119	89	370	1.00	2.50	83.5	570	$5,253.00	$4,783.00	$5,253.00	$4,783.00	$5,436.00	$4,964.00
KSZ090	4	108	81	338	0.90	2.50	85.0	690	$5,889.00	$5,428.00	$5,889.00	$5,428.00	N/A	N/A
KSZ125	4	149	112	467	1.25	2.75	84.2	690	$5,889.00	$5,428.00	$5,889.00	$5,428.00	$6,072.00	$5,609.00
KSZ150	4	177	133	554	1.50	3.00	83.1	690	$5,889.00	$5,428.00	$5,889.00	$5,428.00	$6,315.00	$5,852.00
KSZ120	5	144	108	450	1.20	2.75	85.4	810	$6,448.00	$5,974.00	$6,448.00	$5,974.00	N/A	N/A
KSZ175	5	207	155	646	1.75	3.25	83.1	810	$6,448.00	$5,974.00	$6,448.00	$5,974.00	$6,879.00	$6,405.00
KSZ200	5	235	176	176	2.00	3.50	82.9	810	$6,448.00	$5,974.00	N/A	N/A	$6,879.00	$6,405.00

#67 LWCO in place of Probe LWCO - Add $201.00 to Trade Price
2-Stage Fuel Pump in place of Single Stage Fuel Pump (mounted) (Beckett only) - Add $143.00 to Trade Price

1. Tankless heater ratings based on an average temperature rise of 90°F with 200°F boiler water temperature and 40°F heater inlet temperature (intermittent draw).
2. Input based on 140,000 BTUs per gallon #2 fuel oil.

AHRI CERTIFIED® www.ahridirectory.org

M.E.A. APPROVED
23-01-E
Heat Exchanger constructed and tested in accordance with ASME Section IV standard

KSZ - WITH COIL

STANDARD EQUIPMENT- PACKAGED BOILER - WITH COIL

- Completely Factory Assembled, Pre-Wired and Crated
- Barometric Draft Regulator
- L404F Pressure-Trol
- Deluxe Powder Coated Steel Jacket with Two Tone Textured Finish
- L4006A Aquastat (with Coil)
- Oil Burner with Cad Cell Relay & Nozzle
- Glass Gauge
- CG450 Probe Low Water Cutoff
- A.S.M.E. 3/4" Pop Safety Valve (15 psi)
- Pre-wired w/ 3-prong twist plug
- Tankless Coil (Installed)
- Boiler Drain

ORDERING EXAMPLE:

KSZ100(B/C/R)O(P/F)T

BOILER NOT FOR DIRECT INSTALLATION ON COMBUSTIBLE FLOORS

KSZ - LESS COIL

STANDARD EQUIPMENT - PACKAGED BOILER - LESS COIL

Same as Above Except:

- No Tankless Coil
- No L4006A Aquastat

ORDERING EXAMPLE:

KSZ100(B/C/R)O(P/F)Z

Burner	LWCO	Coil
B = Beckett	P = Probe Type	T = With Coil
C = Carlin	F = Float Type	Z = Less Coil
R = Riello		

OPTIONAL EQUIPMENT

	TRADE PRICE
• Near Boiler Piping Kit (P/N: 280095)	$ 796.00
• Extra Rating Plate and Nozzle (Specify Model)	$ 20.00
• Additional Optional Equipment	SEE PAGE 23

KSZ "SHORTY" PAC

Wet Base - Cast Iron • Oil Fired - Steam

MODEL	NO. OF SECS.	TRADE PRICE							
		BLOCK/JACKET ASSEMBLY		BECKET BURNER & CONTROL CARTON		CARLIN BURNER & CONTROL CARTON		RIELLO BURNER & CONTROL CARTON	
		WITH COIL	LESS COIL	WITH COIL	LESS COIL	WITH COIL	LESS COIL	WITH COIL	LESS COIL
KSZ065	3	KSZ003WCZ2SH $3,494.00	KSZ003LCZ2SH $3,121.00	N/A	N/A	N/A	N/A	N/A	N/A
KSZ075	3	KSZ003WCZ2SH $3,494.00	KSZ003LCZ2SH $3,121.00	141075BTP $1,759.00	141075BLP $1,662.00	N/A	N/A	141075RTP $1,942.00	141075RLP $1,843.00
KSZ100	3	KSZ003WCZ2SH $3,494.00	KSZ003LCZ2SH $3,121.00	141075BTP $1,759.00	141100BLP $1,662.00	141100CTP $1,759.00	141100CLP $1,662.00	141100RTP $1,942.00	141100RLP $1,843.00
KSZ090	4	KSZ004WCZ2SH $4,130.00	KSZ004LCZ2SH $3,766.00	N/A	N/A	N/A	N/A	N/A	N/A
KSZ125	4	KSZ004WCZ2SH $4,130.00	KSZ004LCZ2SH $3,766.00	141125BTP $1,759.00	141125BLP $1,662.00	141125CTP $1,759.00	141125CLP $1,662.00	141125RTP $1,942.00	141125RLP $1,843.00
KSZ150	4	KSZ004WCZ2SH $4,130.00	KSZ004LCZ2SH $3,766.00	141125BTP $1,759.00	141150BLP $1,662.00	141150CTP $1,759.00	141150CLP $1,662.00	141150RTP $2,185.00	141150RLP $2,086.00
KSZ120	5	KSZ005WCZ2SH $4,689.00	KSZ005LCZ2SH $4,312.00	N/A	N/A	N/A	N/A	N/A	N/A
KSZ175	5	KSZ005WCZ2SH $4,689.00	KSZ005LCZ2SH $4,312.00	141175BTP $1,759.00	141175BLP $1,662.00	141175CTP $1,759.00	141175CLP $1,662.00	141175RTP $2,190.00	141175RLP $2,093.00
KSZ200	5	KSZ005WCZ2SH $4,689.00	KSZ005LCZ2SH $4,312.00	141175BTP $1,759.00	141200BLP $1,662.00	N/A	N/A	141200RTP $2,190.00	141200RLP $2,093.00

#67 LWCO in place of Probe LWCO - Add $201.00 to Trade Price
2-Stage Fuel Pump in place of Single Stage Fuel Pump (mounted) (Beckett only) - Add $143.00 to Trade Price

For a complete package, order a block/jacket assembly and one of the corresponding burner/control cartons

M.E.A. APPROVED 23-01-E

Heat Exchanger constructed and tested in accordance with ASME Section IV standard

STANDARD EQUIPMENT

Boiler Battery

- Cast Iron block
- Cast Iron Swing Door
- Deluxe powder-coated steel jacket with two tone textured finish
- Tankless coil boilers come with coil and gasket installed
- Without Tankless Coil boilers are without coil opening

ORDERING EXAMPLE:
KSZ003WCZ2SH and 141075BTP

STANDARD EQUIPMENT

Burner & Control Carton

- Oil Burner
  - Pre-wired w/ 3-prong twist plug
- Barometric Draft Regulator
- Steam Gauge
- A.S.M.E. 3/4" Pop Safety Valve (15 psi)
- 3/4" Boiler Drain
- Installation/Operation Manual
- L404F Pressure-Trol
- CG450 Probe Low Water Cutoff
- Glass Gauge
- L4006A Aquastat (With Coil boilers)

STYLE	SHORTY		STANDARD PACKAGE	
	WIDTH	DEPTH	WIDTH	DEPTH
KSZ-3 SEC	28"	23"	30"	36"
KSZ-4 SEC	28"	28"	30"	41"
KSZ-5 SEC	28"	33"	30"	51"

BOILER NOT FOR DIRECT INSTALLATION ON COMBUSTIBLE FLOORS

OPTIONAL EQUIPMENT . . . . . See Page 15 Kingston (KSZ)

SERIES 16H

SEMI-PACKAGED

Commercial - Cast Iron - Gas Fired - Hot Water Only - Natural Gas or LP Gas

MODEL	NO. OF SECS.	INPUT MBH	GROSS OUTPUT MBH	NET WATER RATING MBH	THERMAL EFFICIENCY %	TRADE PRICE	APPROX. SHIPPING WEIGHT
16H-340	7	340	275	239	81.0	$7,832.00	870
16H-410	8	410	328	285	80.1	$8,473.00	950
16H-460	9	460	370	322	80.4	$9,112.00	1040
16H-505	10	505	406	353	80.5	$9,745.00	1140

1. Net Water Ratings shown are based on piping and pickup allowance of 1.15.
2. Not approved for installation on combustible flooring unless installed with the combustible floor base (see Optional Equipment).
3. Not for installation on carpet

STANDARD EQUIPMENT

- Assembled cast iron sections with flue collector mounted on base assembly
- Complete Base Assembly
  - Includes burners, manifold, gas valve, pilot assembly
- R8285D Transformer Relay for circulator
- Water Trim Package
  - Includes tridicator gauge, 30 P.S.I. relief valve, limit control, boiler drain
- 100% shutoff gas controls
- Flame Rollout Switch
- Blocked Vent Switch
- Deluxe powder coated jacket w/ 3" insulation
- External draft hood
- Jacket packaged separately
- Series 16H is shipped as a semi-packaged boiler
- Specify natural gas (N) or LP gas (L) when ordering

ORDERING EXAMPLE:

16H-340W(N/L)

Fuel

N = Natural Gas

L = LP Gas

OPTIONAL EQUIPMENT

	TRADE PRICE
• Combustible Flooring Base for boiler model #16H-340 (P/N: 500507)	$ 716.00
• Combustible Flooring Base for boiler model #16H-410 (P/N: 500508)	$ 735.00
• Combustible Flooring Base for boiler model #16H-460 (P/N: 500509)	$ 754.00
• Combustible Flooring Base for boiler model #16H-505 (P/N: 500510)	$ 773.00
• L4006E-1133 Manual Reset High Limit with 1/2" short well (P/N: 3530016)	$ 190.00
• #63-M McDonnell & Miller Reset Low Water Cut Off (P/N: 40-635)	$ 519.00
• 50 P.S.I. Relief Valve (P/N: 95-082)	$ 115.00
• #550 Hydrolevel Probe LWCO (P/N: 450550)	$ 294.00
• 8" Vent Damper with wire harness (16H-340) (P/N: 260035)	$ 323.00
• 9" Vent Damper with wire harness (16H-410) (P/N: 260036)	$ 323.00
• 10" Vent Damper with wire harness (16H-460/505) (P/N: 260037)	$ 368.00
• Additional optional equipment	SEE PAGE 23

SERIES 24

Sections Unassembled

Commercial - Cast Iron - Oil or Gas Fired - Hot Water or Steam

Water Boiler Ratings and Pricing

MODEL	NO. OF SECS.	GROSS OUTPUT (MBH)	AHRI NET RATING (MBH)	COMBUSTION EFF %		THERMAL EFF %		BURNER INPUT		VENT DIA (IN)	TRADE PRICES			APPROX. SHIPPING WEIGHT (LBS)
				GAS	OIL	GAS	OIL	GAS (MBH)	OIL (GPH)		BECKETT OIL	BECKETT GAS	LESS BURNER	
24-03W	3	342	297	82.5	85.0	80.0	84.0	438	3.05	7	$ 9,512.00	$ 12,667.00	$ 7,994.00	1278
24-04W	4	471	410	82.5	86.0	80.1	82.1	594	4.10	7	$ 11,344.00	$ 14,389.00	$ 9,690.00	1590
24-05W	5	634	551	82.4	85.5	80.1	82.4	792	5.50	8	$ 13,337.00	$ 16,585.00	$ 11,680.00	1902
24-06W	6	797	693	82.4	85.2	80.1	82.5	990	6.90	8	$ 17,319.00	$ 18,676.00	$ 13,648.00	2218
24-07W	7	937	815	82.3	85.1	80.1	82.6	1174	8.10	8	$ 19,207.00	$ 22,470.00	$ 15,561.00	2534
24-08W	8	1087	945	82.3	84.9	80.2	82.6	1358	9.40	10	$ 21,270.00	$ 24,481.00	$ 17,582.00	2846
24-09W	9	1316	1148	82.3	84.8	80.2	82.7	1641	11.40	10	$ 23,721.00	$ 27,380.00	$ 19,605.00	3227
24-10W	10	1505	1309	82.2	84.8	80.2	82.7	1867	13.00	10	$ 25,907.00	$ 29,825.00	$ 21,794.00	3559
24-11W	11	1690	1470	82.1	84.7	80.3	82.7	2093	14.60	12	$ 29,963.00	$ 31,975.00	$ 23,943.00	3870
24-12W	12	1852	1610	82.1	84.7	80.3	82.7	2320	16.00	12	$ 32,072.00	$ 35,569.00	$ 26,048.00	4197
For New York City approval (BAR) oil burner-Add $422.00 to Trade Price														

1. Shipping weight is less burner.
2. Burner Adaptor Plate is not included in less burner price.
3. There is an additional cost when ordering center sections with tankless heater openings in lieu of non-heater sections when specified on order

Steam Boiler Ratings and Pricing

MODEL	NO. OF SECS.	GROSS OUTPUT (MBH)	AHRI NET RATING		COMBUSTION EFF %		THERMAL EFF %		BURNER INPUT		VENT DIA (IN)	TRADE PRICES			APPROX. SHIPPING WEIGHT (LBS)
			SQ. FT. STEAM	MBH STEAM	GAS	OIL	GAS	OIL	GAS (MBH)	OIL (GPH)		BECKETT OIL	BECKETT GAS	LESS BURNER	
24-03S	3	342	1071	257	82.5	84.4	80.0	81.5	438	3.05	7	$ 9,940.00	$ 13,095.00	$ 8,408.00	1278
24-04S	4	471	1471	353	82.5	86.0	80.1	82.1	594	4.10	7	$ 11,772.00	$ 14,819.00	$ 10,118.00	1590
24-05S	5	634	1983	476	82.4	85.5	80.1	82.4	792	5.50	8	$ 13,762.00	$ 17,010.00	$ 12,011.00	1902
24-06S	6	797	2492	598	82.4	85.2	80.1	82.5	990	6.90	8	$ 17,722.00	$ 19,103.00	$ 13,986.00	2218
24-07S	7	937	2929	703	82.3	85.1	80.1	82.6	1174	8.10	8	$ 19,635.00	$ 22,885.00	$ 15,987.00	2534
24-08S	8	1087	3396	815	82.3	84.9	80.2	82.6	1358	9.40	10	$ 21,696.00	$ 24,171.00	$ 17,905.00	2846
24-09S	9	1316	4146	995	82.3	84.8	80.2	82.7	1641	11.40	10	$ 24,144.00	$ 27,808.00	$ 19,980.00	3227
24-10S	10	1505	4788	1149	82.2	84.8	80.2	82.7	1867	13.00	10	$ 26,333.00	$ 30,257.00	$ 22,221.00	3559
24-11S	11	1690	5429	1303	82.1	84.7	80.3	82.7	2093	14.60	12	$ 30,405.00	$ 32,406.00	$ 24,303.00	3870
24-12S	12	1852	5983	1436	82.1	84.7	80.3	82.7	2320	16.00	12	$ 32,497.00	$ 36,031.00	$ 26,476.00	4197

1. Shipping weight is less burner.
2. Burner Adaptor Plate is not included in less burner price.
3. There is an additional cost when ordering center sections with tankless heater openings in lieu of non-heater sections when specified on order
4. Steam price includes a #67 Float Type LWCO

STANDARD EQUIPMENT - ALL BOILERS
- Cast iron sections - unassembled
- Center sections with heater openings (when specified)
- Short individual draw rods for assembly
- Flush type insulated jacket
- Flue canopy
- Lock-Type Flue Outlet Damper- rear outlet standard, top outlet optional
- Flue Cleanout Plates
- Target Wall - 24-03 only
- Flame Observation Ports in front and back
- Miscellaneous plugs, bushings and fittings
- Burner Mounting Plate w/insulating block
- Beckett gas or oil powered burner (when specified)

STANDARD EQUIPMENT - WATER TRIM
- 30 PSI Safety Relief Valve
- Pressure Temperature Gauge
- L4006A High Limit

STANDARD EQUIPMENT - STEAM TRIM
- 15 PSI Safety Valve
- Steam Gauge
- Gauge Glass Set
- L404F High Limit Pressuretrol
- #67 LWCO

SERIES 24 OPTIONAL EQUIPMENT

OPTIONAL EQUIPMENT

	TRADE PRICE
• Cast Iron Front Section (P/N 330000)	$ 1,654.00
• Cast Iron Center Section (P/N 330002)	$ 1,533.00
• Cast Iron Rear Section (P/N 330001)	$ 1,741.00
• Cast Iron Tankless Section (P/N 330004)	$ 1,763.00
• Factory Assembled Sections (First 3 Sections)*	$ 973.00
• Assembled Section (Each Additional Section)	$ 213.00
• Push Nipples (Cost for Each) (4 Required Per Section) (P/N 310006)	$ 25.00
• Top Flue Outlet (In Lieu of Standard Rear Outlet)	N/C
• 50 PSI Relief Valve In Lieu of Standard 30 PSI - Specify on Order (Water Only) (P/N: 95-082)	$ 115.00
• 75 PSI Relief Valve In Lieu of Standard 30 PSI - Specify on Order (Water Only) (P/N: 950535)	$ 115.00
• #64 LWCO (Steam Boilers)(P/N:40-640)	$ 359.00
• 150 S-MD (P/N 40-160)	$ 730.00
• #550 LWCO With Manual Reset (Water) (P/N 450550)	$ 294.00
• #11-M McDonnell & Miller Reset Switch For #67 LWCO (Steam) (P/N 400100)	$ 301.00
• L4079B Manual Reset Pressure Limit (Steam) (P/N:35-9200)	$ 273.00
• L4006E Manual Reset High Limit (Water) (P/N:3503101)	$ 190.00
• VXT-120 Hydrolevel Water Feeder (Steam) (P/N:45-122)	$ 432.00
• Polyethylene Block for Setting Cast Iron Nipples (1" x 3" x 14") (P/N:330010)	$ 71.00
• BRWC Boiler Return Water Control	
Recommended on water boilers to provide protection from thermal shock	Consult Factory
• Base Rails for Boiler Model:	
24-03, 24-04 (P/N330604)	$ 106.00
24-05, 24-06 (P/N330606)	$ 141.00
24-07, 24-08 (P/N330608)	$ 180.00
24-09, 24-10 (P/N330610)	$ 213.00
24-11, 24-12 (P/N330612)	$ 243.00
• L4006A Operating Control for With Coil Boiler (Steam) (P/N: 35-3510)	$ 106.00
• S-24 Tankless Coil (P/N330020)	$ 721.00
• Blank Coil Plate and Gasket (Closes Unused Opening in Coil Section) (P/N: 330022)	$ 48.00
• Additional Optional Equipment	SEE PAGE 23

***Assembled Section on a Shipping Skid.**

BECKETT OIL BURNERS

MODEL	MAX NO. OF HEATERS	RATING (GPM)	MODEL	MAX NO. OF HEATERS	RATING (GPM)
24-03	1	6.75	24-08	2	15.0
24-04	1	7.5	24-09	3	22.5
24-05	1	7.5	24-10	3	22.5
24-06	2	15.0	24-11	3	22.5
24-07	2	15.0	24-12	4	30.0

1. Ratings are given in gallons per minute continuos flow of water heated from 40°F to 140°F with 200°F boiler water. Pressure drop thru each coil is 5.5 Psi.
2. Center sections with tankless heater openings will be furnished in lieu of non-heater sections when specified on order.

BECKETT OIL BURNERS

BOILER MODEL	BURNER MODEL	PART NUMBER	HP	STANDARD MOTOR VOLTAGE	TRADE PRICE
24-03	CF-500	130240	1/3	120/60/1	$1,289.00
24-04	CF-800	130241	1/3	120/60/1	$1,377.00
24-05	CF-800	130241	1/3	120/60/1	$1,377.00
24-06	CF-1400	130242	1/2	120/60/1	$3,315.00
24-07	CF-1400	130242	1/2	120/60/1	$3,315.00
24-08	CF-1400	130242	1/2	120/60/1	$3,315.00
24-09	CF-2300	130244	3/4	120/60/1	$3,657.00
24-10	CF-2300	130244	3/4	120/60/1	$3,657.00
24-11	CF-2500	130245	2	240/60/1	$5,034.00
24-12	CF-2500	130245	2	240/60/1	$5,034.00

1. Burner Adapter Plate included in above price

BECKETT GAS BURNERS

BOILER MODEL	BURNER MODEL	PART NUMBER	HP	STANDARD MOTOR VOLTAGE	TRADE PRICE
24-03	CG-10-1S	130250	1/3	120/60/1	$3,662.00
24-04	CG-10-4S	130251	1/3	120/60/1	$3,692.00
24-05	CG-10-5S	130252	1/3	120/60/1	$3,867.00
24-06	CG-10-6S	130253	1/3	120/60/1	$3,958.00
24-07	CG-15-3S	130254	1/2	120/60/1	$5,425.00
24-08	CG-15-4S	130255	1/2	120/60/1	$5,425.00
24-09	CG-25-2S	130256	3/4	120/60/1	$6,104.00
24-10	CG-25-3S	130257	3/4	120/60/1	$6,294.00
24-11	CG-25-4S	130258	3/4	120/60/1	$6,294.00
24-12	CG-50-2S	130259	2	240/60/1	$7,480.00

1. Burner Adapter Plate included in above price
2. See installation manual for minimum gas inlet pressure

FW SERIES

3 Pass - Scotch Marine - Residential/Commercial - Cast Iron
Oil or Gas Fired - Hot Water

MODEL	GROSS OUTPUT (MBH)	AHRI NET RATING (MBH)	COMBUSTION EFF %		THERMAL EFF %		BURNER INPUT		VENT DIA (IN)	TRADE PRICE* LESS BURNER*	APPROX SHIPPING WEIGHT
			GAS	OIL	GAS	OIL	GAS (MBH)	OIL (GPH)			
FW-4	355	309	82.5	85.0	81.7	84.5	433	3.0	7	$ 9,379.00	1126
FW-5	478	416	82.5	85.0	82.7	85.3	577	3.0	7	$ 10,564.00	1313
FW-6	600	522	82.4	84.9	83.2	85.8	722	5.0	8	$ 11,848.00	1524
FW-7	723	629	82.4	84.9	83.5	86.1	866	6.0	9	$ 13,249.00	1743
FW-8	907	789	82.3	84.8	83.8	86.4	1082	7.5	10	$ 14,588.00	1947
FW-9	1091	949	82.2	84.7	84.0	86.6	1299	9.0	10	$ 16,272.00	2143

*Consult burner selection sheet for FW burner (See Page 21)

AHRI CERTIFIED®

Heat Exchanger constructed and tested in accordance with ASME Section IV standard

STANDARD EQUIPMENT

- Boiler sections shipped fully assembled
- Refractory insulated hinged front door with sight glass
- Deluxe powder coated steel jacket with two tone textured finish
- Combination Temperature/Pressure Gauge
- A.S.M.E. Relief Valve
- High Limit Control (L4008A with Remote Capillary)
- Smoke Outlet Transmission Piece/Quad. Locking Damper
- Supply Manifold (for Mounting Controls)

MAXIMUM ALLOWABLE WORKING PRESSURE 75 PSI

OPTIONAL EQUIPMENT

	TRADE PRICE
• L4006E-1133 Manual Reset Hi-Limit (Water) (P/N: 3503101)	$ 190.00
• #550 Hydrolevel Probe LWCO with Manual Reset (Water) (P/N: 450550)	$ 294.00
• #63-M McDonnell & Miller Manual Reset LWCO (P/N: 40-635)	$ 519.00
• Burner Mounting Plates for Burners Supplied by Others.	$ 296.00

FW SERIES BURNERS / OPTIONS

Oil Burners (For Gas and Gas/Oil Burners, Consult Factory.)

BOILER MODEL	POWER FLAME (OIL)		BECKETT (OIL)		BECKETT (NATURAL GAS)	
	BURNER MODEL	TRADE PRICE	BURNER MODEL	TRADE PRICE	BURNER MODEL	TRADE PRICE
FW-4	C1-0	Call Factory for Pricing	CF-500	$1,289.00	CG-10	$4,273.00
FW-5	C1-0	Call Factory for Pricing	CF-800	$1,377.00	CG-10B	$4,421.00
FW-6	C1-0	Call Factory for Pricing	CF-800	$1,377.00	CG-10B	$4,421.00
FW-7	C1-0	Call Factory for Pricing	CF-1400	$3,315.00	N/A	-----
FW-8	C2-0A	Call Factory for Pricing	CF-1400	$3,315.00	N/A	-----
FW-9	C2-0A	Call Factory for Pricing	CF-2300	$3,657.00	N/A	-----

NOTES:
- Power Flame is Lo-Hi-Off
- Beckett CF-500 and CF-800 is On-Off
- Beckett CF-1400 and CF-2300 are Manual Lo-Hi-Lo
  - For Automatic Lo-Hi-Lo Add L4006A2015 - $87.00
- Burner Price includes Adapter Plate shipped on boiler.
- Burner Price Includes Combustion Control System as follows:
  - **Power Flame** - FW-4 through FW-9 Honeywell R8184G w/ Cad Cell
  - **Beckett** - FW-4 through FW-9, Honeywell R8184G w/ Cad Cell
    - FW-7 through FW-9, burners equipped with Low Fire Hold Switch

For Beckett CG-10 Gas Burner
- For use with natural gas only.
- On/Off with Low Fire Start.
- Voltage 120/60/1

Combustion Control System
- Flame Safeguard - Honeywell RM7897A
- Ultraviolet Flame Detection
- Direct Spark Ignition
- Approval - UL Listed/CSD-1 Configuration

Add to Standard Burner Prices

POWER FLAME (OIL)	UL CONTROLS FIRING SEQUENCE		BURNER MOTOR
BOILER MODEL	LO-HI-OFF	LO-HI-LO	TRADE PRICE
FW-4 through FW-7	STD	$163.00	$614.00
FW-8 through FW-9	STD	$163.00	$614.00

NOTES: LO-HI-LO and full modulation prices include controller. Full modulation burners include Manual Potentiometer and Manual Auto-Selector Switch. IRI oil burners are priced with spark ignition IRI and gas/oil burners are priced with gas pilot for both fuels. On gas/oil burners for separate spark ignition on oil mode **add $281.00 to Trade Price.**

Standard Oil Burner Motor Voltages

POWER FLAME		BECKETT	
BOILER MODEL	VOLTAGE	BOILER MODEL	VOLTAGE
FW-4 through FW-7	120/60/1	FW-4 through FW-9	120/60/1
FW-8 through FW-9	230/60/1		

OPTIONAL EQUIPMENT

	TRADE PRICE
• Burner Mounting Plate for Burners Supplied by Others.	$ 296.00

CONCENTRIC VENTING

CONCENTRIC 60/100mm VENT COMPONENTS

Crown PN	Description	Comments	Carton Qty.	Individual Trade Price
230504	60/100 Straight, 2000mm long (78")	May not be cut	5	$ 139.00
230505	60/100 Straight, 1000mm long (39")	May not be cut	5	$ 93.00
230506	60/100 Adjustable Straight, 500mm long (19-1/2")	Can be cut	5	$ 75.00
230507	60/100 90 Degree Elbow		2	$ 76.00
230508	60/100 45 Degree Elbow		4	$ 67.00
230538	100mm Locking Band		25	$ 15.00

CONCENTRIC 80/125mm VENT COMPONENTS

Crown PN	Description	Comments	Carton Qty.	Individual Trade Price
230515	80/125 Adjustable Straight, 1000mm long (39")	Can be cut	4	$ 117.00
230517	80/125 Adjustable Straight, 500mm long (19-1/2")	Can be cut	4	$ 91.00
230518	80/125 Straight, 1000mm long (39")	May not be cut	4	$ 100.00
230519	80/125 Straight, 2000mm long (78")	May not be cut	4	$ 155.00
230525	80/125 Telescoping Straight	Adjustable from 12-1/2" to 16-1/2"	4	$ 114.00
230526	80/125 45 Degree Elbow		6	$ 75.00
230527	80/125 90 Degree Elbow		3	$ 78.00
230528	80/125 Long Radius 90 Degree Elbow		3	$ 100.00
230530	80/125 90 Degree Support Elbow w/Chimney Chase Bracket		1	$ 227.00
230531	80/125 Horizontal Terminal w/Wall Plates		1	$ 189.00
230532	80/125 Vertical Terminal	Use with either roof flashing listed below	1	$ 250.00
230533	80/125 Flat Roof Flashing		10	$ 44.00
230535	80/125 Sloped Roof Flashing	For roof angles between 25 and 45 degrees	1	$ 142.00
230536	125mm Support Band	Supports pipe to ceiling or wall	50	$ 9.00
230537	125mm Locking Band	Included with above pipe/fittings	25	$ 17.00
230540	Snorkel Kit	Includes parts required to offset terminal on exterior wall by up to 46"	1	$ 1,099.00

CONCENTRIC 100/150mm VENT COMPONENTS

Crown PN	Description	Comments	Carton Qty.	Individual Trade Price
230560	100/150 Straight, 500mm long (Adjustable) (19-1/2")	Can be cut	1	$ 97.00
230561	100/150 Straight, 1000mm long (39")	May not be cut	1	$ 133.00
230562	100/150 Straight, 1000mm long (Adjustable) (39")	Can be cut	1	$ 133.00
230563	100/150 Straight, 2000mm long (78")	May not be cut	1	$ 225.00
230564	100/150 Telescoping Straight	Adjustable from 12-1/2" to 17-1/2"	1	$ 173.00
230565	100/150 45 Degree Elbow		1	$ 120.00
230566	100/150 90 Degree Elbow		1	$ 108.00
230567	100/150 90 Long Radius 90 Degree Elbow		1	$ 137.00
230568	100/150 90 Degree Elbow Kit with Chimney Chase Bracket		1	$ 134.00
230569	100/150 Horizontal Terminal with Wall Plates		1	$ 305.00
230570	100/150 Vertical Terminal		1	$ 361.00
230571	100/150 Flat Roof Flashing		1	$ 83.00
230572	100/150 Sloped Roof Flashing	For roof angles between 25 and 45 degrees	1	$ 152.00
230573	150mm Support Band		1	$ 11.00
230574	150mm Locking Band		1	$ 21.00

Polypropylene Liner Systems (For Concentric Venting BWC Boilers through an Unused, Single Flue Masonry Chimney)

Crown PN	Description	Comments	Carton Qty.	Individual Trade Price
230950	80mm Masonry Flex Liner System (BWC070 - BWC151)	Consists of 80mm Flex Liner & Masonry Install Kit	1	$ 1,165.00
230955	80mm Flex Liner (32ft Coil)	Requires 80mm Installation Kit	1	$ 433.00
230958	80mm Flex Liner System (Masonry) Installation Kit	Requires 80mm Flex Liner	1	$ 732.00
230960	80mm Flex Liner Pull Tool	Optional - Speeds Pulling of Liner Down Chimney	1	$ 102.00
230962	80mm Flex Splicer	Contact Factory	1	$ 62.00
230951	100mm Masonry Flex Liner System (BWC225 - BWC300)	Consists of 100mm Flex Liner & Masonry Install Kit	1	$ 1,453.00
230956	100mm Flex Liner (32ft Coil)	Requires 100mm Installation Kit	1	$ 69.00
230959	100mm Flex Liner System (Masonry) Installation Kit	Requires 100mm Flex Liner	1	$ 884.00
230961	100mm Flex Liner Pull Tool	Optional - Speeds Pulling of Liner Down Chimney	1	$ 113.00
230963	100mm Flex Splicer	Contact Factory	1	$ 73.00

BOILER ACCESSORIES

Water Boiler Accessories

	TRADE PRICE
• Taco Circulator #0010 (P/N: 95-015)	$ 378.00
• #170 Hydrolevel Probe LWCO (P/N: 45-170)	$ 185.00
• L4006E-1133 Manual Reset High Limit (Maximum Setting 240°)(P/N 3503101)	$ 190.00
• #550 Hydrolevel Probe LWCO With Manual Reset (Water) (P/N: 450550)	$ 294.00
• CBE502-1 Taco 2-Zone Relay Panel with Priority (PC700-Ready) (P/N: 3501502)	$ 327.00
• Boiler Mounting Kit for Horizontal Tank (MSH-40/53 suitable for use with the following boilers: AWR, BWF, FWZ, CWD) (P/N: 900920)	$ 285.00
• Flexible Oil Line (each) (P/N 13-090)	$ 71.00

Steam Boiler Accessories

	TRADE PRICE
• #47-2 LWCO (P/N: 40-472)	$ 890.00
• #67 Float Type LWCO (P/N: 400676)	$ 395.00
• #WF2-U-24V UNI Match Automatic Water Feeder (P/N: 40-955)	$ 425.00
• VXT-24 Automatic Water Feeder (24V - Steam) (P/N: 45-026)	$ 432.00
• #11-M McDonnell & Miller Reset Switch For #67 LWCO (Steam) (P/N: 400100)	$ 301.00
• L4079B Manual Reset Pressure Limit (Steam) (P/N: 35-9200)	$ 273.00
• L4006A Operating Control for With Coil Boiler (Steam) (P/N: 35-3510)	$ 108.00
• VXT-120 Automatic Water Feeder (120V - Steam) (P/N: 45-122)	$ 432.00
• WF2-U-120V UNI Match Automatic Water Feeder (P/N: 40-950)	$ 424.00
• Flexible Oil Line (each) (P/N 13-090)	$ 71.00

OC SYSTEM

For Use with Aruba 4 (AWR) and Freeport 2 (FWZ) Boilers
When ordering the OC System you must order the following:

For Aruba 4 (AWR) Gas Hot Water Boilers
- PN 233200 - AWR OC Panel Kit

For Freeport 2 (FWZ) Oil Hot Water Boilers
- PN 233201 - FWZ OC Panel Kit

and at least one of the following card kits
- PN 233202 - High Limit Aquastat Kit
- PN 233203 - Outdoor Air Reset Kit
- PN 450602 - Low Water Cutoff Kit with Auto Reset
- PN 450604 - Low Water Cutoff Kit with Manual Reset

CROWN PART NUMBER	DESCRIPTION	NOTES	TRADE PRICE
233200	Aruba 4 (AWR) OC Panel Kit		$157.00
233201	Freeport 2 (FWZ) OC Panel Kit		$288.00
233202	High Limit Aquastat OC Panel Card Kit	Manual Reset	$210.00
233203	Outdoor Air Reset OC Panel Card Kit		$450.00
450602	Low Water Cutoff Panel Card Kit	Auto Reset	$210.00
450604	Low Water Cutoff Panel Card Kit	Manual Reset	$210.00

OIL FIRED WARM AIR FURNACE

Hi-Boy

MODEL	INPUT (BTU/HR)	HEATING CAPACITY (BTU/HR)	AFUE NX BECKETT*	AFUE STANDARD BURNER	BLOWER PERFORMANCE CFM @ 0.4 W.C. (DIRECT DRIVE)	APPROX. SHIPPING WEIGHT (LBS)	TRADE PRICE				
							FURNACE ONLY	BECKETT NX BURNER 130201	BECKETT 130200	CARLIN 130210	RIELLO 130220
CHB68-112	84,000	70,500			990 - 1,360	290	$2,744.00	$962.00	$820.00	$820.00	$974.00
	105,000	88,200	86.0	82.9							
	119,000	96,900									
	140,000	117,600									

1. Model CHB 68-112 is factory set for 105,000 BTU/HR input. All other inputs require a change of nozzle in the field. Filter rack furnished with filter.

Hi-Boy Shorty

MODEL	INPUT (BTU/HR)	HEATING CAPACITY (BTU/HR)	AFUE NX BECKETT*	AFUE STANDARD BURNER	BLOWER PERFORMANCE CFM @ 0.4 W.C. (DIRECT DRIVE)	APPROX. SHIPPING WEIGHT (LBS)	TRADE PRICE				
							FURNACE ONLY	BECKETT NX BURNER 130201S	BECKETT 130200S	CARLIN 130210S	RIELLO 130220S
CSHB60-90	72,000	57,000			846 - 1,553	225	$3,013.00	$1,004.00	$862.00	$862.00	$1,212.00
	85,000	69,000	85.5	81.4							
	106,250	86,000									

1. Hi-Boy Shorty models CSHB60-90 are designed for 4-Ton AC capacity.

Hi-Boy Shorty with ECM Motor

MODEL	INPUT (BTU/HR)	HEATING CAPACITY (BTU/HR)	AFUE NX BECKETT*	AFUE STANDARD BURNER	BLOWER PERFORMANCE CFM @ 0.4 W.C. (DIRECT DRIVE)	APPROX. SHIPPING WEIGHT (LBS)	TRADE PRICE				
							FURNACE ONLY	BECKETT NX BURNER 130201S	BECKETT 130200S	CARLIN 130210S	RIELLO 130220S
CSHB60-90ECM*	72,000	57,000			799 - 1,622	225	$3,987.00	$1,004.00 ENERGY STAR	$862.00	$862.00	$1,212.00
	85,000	69,000	85.5	81.4							
	106,250	86,000									

1. ENERGY STAR qualified with Beckett NX burner.
2. Model CSHB60-90 is factory set for 85,000 BTU/HR Input. All other inputs require a change of nozzle in the field.
3. Hi-Boy Shorty models CSHB60-90 are designed for 4-Ton AC capacity.

Lo-Boy Front Flue / Lo-Boy Rear Flue

MODEL	INPUT (BTU/HR)	HEATING CAPACITY (BTU/HR)	AFUE NX BECKETT*	AFUE STANDARD BURNER	BLOWER PERFORMANCE CFM @ 0.4 W.C. (DIRECT DRIVE)	APPROX. SHIPPING WEIGHT (LBS)	TRADE PRICE				
							FURNACE ONLY	BECKETT NX BURNER 130201	BECKETT 130200	CARLIN 130210	RIELLO 130220
CLBF68-112 (FRONT FLUE)	84,000	69,700			930 - 1,420	315	$2,833.00	$962.00	$820.00	$820.00	$974.00
	105,000	87,100	85.9	82.9							
	119,000	96,700									
	140,000	116,200									
CLBR68-112 (REAR FLUE)	84,000	69,700			990 - 1,420	315	$2,833.00	$962.00	$820.00	$820.00	$974.00
	105,000	88,200	86.0	85.0							
	119,000	98,700									
	140,000	116,200									

1. Models CLBF68-112 and CLBR68-112 are factory set for 105,000 BTU/HR input. All other inputs require a change of nozzle in the field. Filter rack furnished with filter.

Horizontal/ Counterflow

MODEL	INPUT (BTU/HR)	HEATING CAPACITY (BTU/HR)	AFUE NX BECKETT*	AFUE STANDARD BURNER	BLOWER PERFORMANCE CFM @ 0.4 W.C. (DIRECT DRIVE)	APPROX. SHIPPING WEIGHT (LBS)	TRADE PRICE				
							FURNACE ONLY	BECKETT NX BURNER 130201	BECKETT 130200	CARLIN 130210	RIELLO 130220
CHC68-96	84,000	70,500			990 - 1,360	280	$2,915	$962.00	$820.00	$820.00	$974.00
	105,000	88,200	86.0	82.6							
	119,000	96,900									

1. Model CHC68-96 is factory set for 105,000 BTU/HR input. All other inputs require a change of nozzle in the field. The CHC Series Furnace requires external filter rack, no filter furnished.

5-Ton Hi-Boy Shorty

MODEL	FIRING RATE	INPUT (BTU/HR)	HEATING CAPACITY (BTU/HR)	AFUE % (BECKETT BURNER)	APPROX. SHIPPING WEIGHT (LBS)	TRADE PRICE	
						FURNACE ONLY	BECKETT BURNER 130205S
OH8FA	HIGH FIRE**	156,250	132,000		310	$4,369.00	$789.00
	MED. FIRE*	140,000	119,000	85.8			
	LOW FIRE**	119,000	101,000				

*Factory Installed Nozzle
**Nozzles Shipped Loose with Furnace (Not Installed)

FEATURES

- Fully packaged
- Oil burner (pre-wired) in a separate carton with Quick Disconnect
- Insulated cabinet
- Direct Drive (3 Speed Blower)
- High quality Flame Retention Burner
- A/C ready - 3.5 Ton cooling
- Combination Blower and Limit Control
- Barometric Damper

OPTIONAL EQUIPMENT

	Trade Price
• L4064A (11") Fan and Limit (P/N: 35-8000)	$ 87.00
• Cased Coil (3, 3.5, 4-Ton AC) Available on all models(25-1/2" H x 20-1/2" W x 21" D) (P/N: 160925)	$ 1,292.00
• Combustion Air Intake Kit only (use with model CSHB Shorty with Beckett NX burner)(P/N: 160948)	$ 273.00

GAS FURNACE

80% + Multi-Position

MODEL	HEATING INPUT (BTU/HR)	HEATING OUTPUT (BTU/HR)	AFUE %	TRADE PRICE
MDA040NH3R	40,000	32,500	80.2	$1,497.00
MDA060NH3R	60,000	48,800	80.2	$1,545.00
NDA080NH3R	80,000	65,000	80.2	$1,579.00
MDA080NH4R	80,000	65,000	80.2	$1,652.00
MDA100NH3R	100,000	81,300	80.2	$1,662.00
MDA100NH4R	100,000	81,300	80.2	$1,682.00
MDA100NH5R	100,000	81,300	80.2	$1,826.00
MDA120NH4R	120,000	97,600	80.2	$1,848.00
MDA120NH5R	120,000	97,600	80.2	$1,893.00
MDA140NH5R	140,000	113,800	80.2	$2,095.00

STANDARD EQUIPMENT

- Four Speed Permanent Split Capacitor Blower Motor
- Honeywell Control Module
- Standard Humidifier and Electric Air Cleaner Terminals

OPTIONAL EQUIPMENT

	TRADE PRICE
• Supply Air Plenum Box Kit	
MDA040NH3R - MDA060NH3R - MDA080NH3R (P/N: 160900)	$ 215.00
MDA080NH4R - MDA100NH3R - MDA100NH4R (P/N: 160901)	$ 237.00
MDA100NH5R - MDA120NH4R - MDA120NH5R (P/N: 160902)	$ 251.00
MDA140NH5R (P/N: 160903)	$ 272.00
• Return Air Plenum Box with Built-In Filter Rack and Cover (16" x 25" x 15- 1/4" with Hi-Velocity Washable Filter) (P/N: 160910)	$ 200.00
• LP Kit for MDA (P/N: 16-800)	$ 89.00

MEGA-STOR® (MS)

Stainless Steel Indirect Water Heater

MODEL	DOMESTIC TANK CAPACITY (GAL)	APPROX. SHIPPING WEIGHT (LBS)	TRADE PRICE
MS-26	26	52	$1,859.00
MS-40	39	68	$2,070.00
MS-53	51	84	$2,553.00
MS-79	80	121	$3,967.00
MS-119	112	198	$6,161.00
MSH-40H*	38	168	$2,999.00
MSH-53H*	51	193	$3,438.00

*MSH-40 and MSH-53 are Horizontal Tanks. (Optional Boiler Mounting Kit Available - See Pricing Below)

STANDARD EQUIPMENT

- 5 Year Limited Warranty for Commercial Installations
- Stainless Steel Tank
- Stainless Steel Coil
- Readily Accessible Tank Opening for Inspection and Clean Out
- Smooth Coil Surface of Stainless Steel
- 2" CFC-Free Insulation
- Polypropylene Outer Jacket
- Honeywell L4006A Control
- Lifetime Limited Warranty Available for Residential Installations

OPTIONAL EQUIPMENT

	TRADE PRICE
• Clean-Out Plate (P/N: 20-021)	$ 96.00
• O-Ring Gasket (P/N: 20-022)	$ 19.00
• L4006A Aquastat (P/N: 35-3200)	$ 105.00
• Boiler Mounting Kit for Horizontal Tank (MSH-40/53) (FWZ-CWD-BWF-AWR-CWI) (P/N: 900920)	$ 277.00
• 3/4" NPT Thermostatic Mixing Valve (P/N: 220325)	$ 136.00

MEGA-STOR® SOLAR TANK (MSS)

Solar Stainless Steel Indirect Water Heater

MODEL	DOMESTIC TANK CAPACITY (GAL)	COIL SURFACE UPPER/LOWER COIL (SQ FT)	APPROX. SHIPPING WEIGHT (LBS)	TRADE PRICE
MSS-79S	76	9.5/10.1	126	$4,350.00
MSS-119S	116	9.5/10.1	210	$6,504.00
MSS-240S	240	17/24	262	$10,965.00

STANDARD EQUIPMENT

- Stainless steel tank
- Convenient access cap for easy service
- Dual coils
- Two control locations
- 1-1/4" Domestic connections
- Additional 1-1/4" connection located on side of the tank
- 15 Year Limited Warranty
- One Honeywell L4006A control

MAXI-THERM 2 (MT)

Glass Lined Indirect Water Heater

MODEL	DOMESTIC TANK CAPACITY (GAL)	FIRST HOUR RATING (GAL/HR)	APPROX. SHIPPING WEIGHT (LBS)	TRADE PRICE
MT040 GBR	40	188	168	$2,097.00
MT050 GBR	50	193	196	$2,316.00
MT065 GBR	60	204	196	$2,562.00
MT080 GBR	75	221	224	$2,756.00
MT120 GBC	114	408	355	$4,827.00

*Note: First Hour Ratings are Based on the Following Conditions: 180°F Boiler Supply, 58°F Cold Water In, 135°F Domestic Water Out.

STANDARD EQUIPMENT
- 10 Year Limited Warranty for Residential Installation
- 5 Year Limited Warranty for Commercial Installation
- Porcelain Enamel Tank
- Porcelain Enamel Coated Smooth Coil Surface
- Honeywell L4006A Aquastat
- T & P Valve

OPTIONAL EQUIPMENT

	TRADE PRICE
• L4006A Aquastat (P/N: 35-3200)	$ 105.00
• Anode Rod Kit (MT040, 050) (Includes 3 Short Anodes) (P/N: 220300)	$ 128.00
• Anode Rod Kit (MT065, 080 and 120) (Includes 3 Long Anodes) (P/N: 220305)	$ 170.00
• NPT Thermostatic Mixing Valve (P/N: 220325)	$ 136.00

PLATE HEAT EXCHANGERS

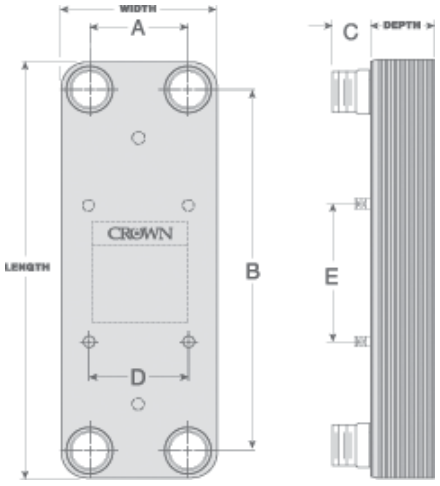
CBP Series for Hydronic Applications

MODEL	NUMBER OF PLATES	CONNECTIONS	NET WEIGHT	TRADE PRICE
CBP5X12-4	4	3/4" MPT	4.5	$ 493.00
CBP5X12-6	6	3/4" MPT	5.1	$ 503.00
CBP5X12-8	8	3/4" MPT	5.8	$ 538.00
CBP5X12-10	10	3/4" MPT	6.4	$ 605.00
CBP5X12-12	12	3/4" MPT	7.0	$ 680.00
CBP5X12-14	14	3/4" MPT	7.7	$ 824.00
CBP5X12-16	16	3/4" MPT	8.3	$ 940.00
CBP5X12-20	20	1" MPT	9.6	$ 1,131.00
CBP5X12-24	24	1" MPT	10.8	$ 1,260.00
CBP5X12-30	30	1" MPT	12.7	$ 1,469.00
CBP5X12-36	36	1" MPT	14.6	$ 1,734.00
CBP5X12-40	40	1-1/4" MPT	15.9	$ 1,881.00
CBP5X12-50	50	1" MPT	19.0	$ 2,128.00
CBP5X12-50	50	1-1/4" MPT	19.0	$ 2,143.00
CBP5X12-60	60	1-1/4" MPT	22.0	$ 2,471.00
CBP5X12-70	70	1-1/4" MPT	25.0	$ 2,942.00
CBP5X12-80	80	1-1/4" MPT	28.0	$ 3,299.00
For Use on Domestic Hot Water, Radiant Heating or Snow Melt Applications.				

CMBP Series for Marine and Other Applications

MODEL	NUMBER OF PLATES	CONNECTIONS	NET WEIGHT	TRADE PRICE
CMBP5X12-4	4	1" MPT	14.7	$ 1,425.00
CMBP5X12-6	6	1" MPT	15.5	$ 1,922.00
CMBP5X12-8	8	1" MPT	16.2	$ 2,140.00
CMBP5X12-10	10	1" MPT	16.9	$ 2,352.00
CMBP5X12-16	16	1" MPT	19.1	$ 2,999.00
CMBP5X12-20	20	1-1/4" MPT	20.6	$ 3,422.00
CMBP5X12-24	24	1-1/4" MPT	22.1	$ 3,848.00
CMBP5X12-30	30	1-1/4" MPT	24.3	$ 3,946.00
CMBP5X12-40	40	1-1/4" MPT	28.0	$ 6,044.00
CMBP5X12-50	50	1-1/4" MPT	31.6	$ 7,532.00
CMBP5X12-60	60	1-1/4" MPT	35.3	$ 8,987.00
CMBP5X12-70	70	1-1/4" MPT	39.0	$ 10,745.00
CMBP5X12-80	80	1-1/4" MPT	42.7	$ 10,889.00
CMBP5X12-90	90	1-1/4" MPT	46.3	$ 12,397.00
CMBP5X12-100	100	1-1/4" MPT	50.0	$ 13,988.00
CMBP5X12-110	110	1-1/4" MPT	54.0	$ 15,675.00
CMBP5X12-120	120	1-1/4" MPT	58.0	$ 16,956.00
For Use in Spa or Swimming Pool Applications. Also for Use on Steam Applications.				

MODEL	DIMENSIONS (INCHES)							NET WEIGHT
	L	W	DEPTH	A	B	D	E	
CBP5X12	12.2	4.9	.094 x # of Plates + .36	2.7	9.9	2.5	3.5	.328 x # of Plates +3.1
CMBP5X12	12.2	4.9	.084 x # of Plates + .36	2.7	9.9	2.5	3.5	.328 x # of Plates +3.1



EIGHT BASEBOARD

White

DESCRIPTION	TUBE SIZE (IN)	MODEL	SHIPPING WEIGHT (LBS)	TRADE PRICE
Complete Assembly - Single Pack • Front Panel • Back Panel • Damper Hanger Bracket • Heating Element W/ Plastic Sides • Assembled & shipped In single carton • Pre-cut lengths: - 2′, 3′, 4′, 5′, 6′, 7′, 8′, 9′	3/4	C8C-2	4	$ 36.00
		C8C-3	6	$ 54.00
		C8C-4	8	$ 72.00
		C8C-5*	10	$ 90.00
		C8C-6*	12	$ 108.00
		C8C-7*	14	$ 126.00
		C8C-8*	16	$ 144.00
		C8C-10	20	$ 180.00
Cover Only • Front Panel • Back Panel • Damper Hanger Bracket • Assembled & shipped in single carton • Pre-cut lengths: - 2′, 3′, 4′, 5′, 6′, 7′, 8′, 9′	3/4	C8D-2	3	$ 22.00
		C8D-3	4.5	$ 33.00
		C8D-4	6	$ 44.00
		C8D-5	7.5	$ 55.00
		C8D-6	9	$ 66.00
		C8D-7	10.5	$ 77.00
		C8D-8	12	$ 88.00
		C8D-10	15	$ 110.00
Element Only (No Enclosure) • Complete w/ expansion cradles • 8″ length only	3/4	C8E-8	4	$ 77.00

*Two inch splicer set included

Snap-On Accessories

ACCESSORY	DESCRIPTION	PART NO.	QTY PER CARTON	TRADE PRICE (EACH)
End Cover	3″ Plain Left	C-12	12	$13.78
	3″ Plain Right	C-13	12	$13.78
End Cover w/ Hinged Access Door	4″ Top Hinged Left	C-14	12	$24.19
	4″ Top Hinged Right	C-15	12	$24.19
Inside Corner	90°	C-18	12	$10.40
	135°	C-19	12	$37.80
Outside Corner	90°	C-21	12	$40.21
	135°	C-22	12	$38.81
Wall Trim	3″ Left/Right	C-23L/C-23R	12	$12.94
	5″ Left/Right	C-24L/C-24R	12	$14.35
Accessories	Damper Joiner	C-27	10 Sets	$7.03
	2″ Splicer	C-31	10 Sets	$6.47
General	Hanger Brackets	C-33	10	$16.31

Hide-A-Vectors

TRADE PRICE

Hide-A-Vector Unit
Ready for installation under kitchen cabinets, bathroom cabinets, etc. Includes toe space, decorative grill with screws
- Model HAV-48, 11 lbs. . . . $ 353.00
- Model HAV-88, 16 lbs. . . . $ 451.00

Hide-A-Vector Unit - Enclosure and Front Grill (for vertical installation)
Mounts flush into walls at doorways, laundry rooms, etc. Includes cabinet with air scoop and fastening studs, louvered removable front panel
- Model HAV-48 ENC., 12 lbs. . . . $ 187.00
- Model HAV-88 ENC., 21 lbs. . . . $ 332.00

Speed Control Switch (for use with HAV-48 or HAV-88)
Fits standard junction box. Multi-speed. Dial the precise degree of heat required
- Model HAV-SC, 1 lb. . . . $ 96.00

Replacement Parts
- Model HAV-MF 48, Motor and fan (completely assembled), 5 lbs. . . . $ 244.00
- Model HAV-MF 88, Motor and fan (completely assembled), 8 lbs. . . . $ 288.00
- Model HAV-TE Thermostat, replacement - controls fan operation, 0.5 lbs. . . . $ 71.00

TERMS AND CONDITIONS OF SALE

1. PRICES – Orders accepted only with the understanding that invoicing will be at the base price, discounts and terms in effect at the time of shipment, unless otherwise provided. Prices, terms and discounts are subject to change without notice. Trade prices listed by Crown Boiler Co. are suggested prices and in no way limit distributors to establish their own resale price. Orders are accepted by Crown Boiler Co. only with the understanding that they are subject to credit investigation and approval. In the event they Buyer's financial condition, at any time, does not justify the terms specified, Crown Boiler Co. may require full or partial payment as a condition to commence or continue to manufacture, or in advance of shipment; or, if shipment has been made, recover shipment from the carrier. Taxes – Any tax or other governmental charge now or hereafter levied upon the production, sale, use or shipment of products ordered or sold will be charged to and paid by the Buyer.

2. CHANGES TO OR CANCELLATION OF ORDER – In the event of any specification change after receipt of the Buyer's order, Crown Boiler Co. may adjust the selling price to cover such changes. In the event Buyer wishes to cancel this order, it must be mutually agreed upon by buyer and Crown Boiler Co. and may be subject to cancellation charges. Non-standard products, made on special order, may not be cancelled.

3. CHARGES/FEES – An interest charge of 1½ % will be added to all past due balances. This is an annual percentage rate of 18%. Credit Cards – No cash discount will be given to any credit card purchases. Any purchases by American Express credit cards will have a 2% fee added to the invoice. Checks returned for insufficient funds will have a $50 service added to the invoice.

4. RETURNED GOODS – Saleable products of standard manufacture may not be returned for credit until after Crown Boiler Co. has agreed to accept them. Inspection by a Crown Boiler Co. employee, or representative of the company, may be required before return authorization is granted. A restocking/handling charge will apply to all such returned products. All transportation charges for returned products must be paid by Buyer. Non-standard products, made on special order, or obsolete products are not subject to return.

5. TRANSPORTATION CLAIMS – Delivery to the initial carrier shall constitute delivery to the Buyer. Crown Boiler Co.'s responsibility ceases upon delivery in good order to such carrier, and all products are shipped at the Buyer's risk. The Buyer is urged to examine all delivers carefully before signing transportation receipts. If products are visibly damaged, the Buyer should insist that written confirmation of the damage be noted on the carrier's delivery receipt and confirmed by the driver for the carrier. If damage is discovered after unpacking, the carrier should be notified at once so that an inspection can be made and the claimed damage substantiated by the carrier.

6. INTERFERENCES WITH DELIVERIES – Crown Boiler Co. shall not be liable for any delay or failure in the delivery or shipment of products or for any damages suffered by reason of such delay or failure if, directly or indirectly, due to fire, flood, accidents, riots, war, embargo, labor stoppages, inadequate transportation facilities, shortage of material or supplies, regulation by government authority of any cause or causes beyond Crown Boiler Co.'s control. Crown Boiler Co. reserves the right to allocate available production among its customers in any fair and reasonable manner that it determines is necessary or desirable. If delivery is delayed for 6 months or more beyond originally scheduled dates due to delays by the Buyer in furnishing Crown Boiler Co. with technical information or approvals, or manufacturing releases, and additional costs are incurred by Crown Boiler Co. due to any such delays, the Buyer shall reimburse Crown Boiler Co. for such added costs. Product on which manufacture or delivery is delayed due to any cause within the Buyer's control may be placed in storage by Crown Boiler Co. for the Buyer's account and risk, and regular charges therefore and expenses in connection therewith shall be paid by the Buyer; but if, in Crown Boiler Co.'s opinion, it is unable to obtain or continue such storage, the Buyer will, on request, provide or arrange for suitable storage facilities and assume all costs and risks in connection therewith. When such delay is due to causes beyond control of either party, the matter of storage and the payment of charges therefore shall be negotiated in good faith.

7. SHORTAGES OR VARIANCES – No claims for variances from or shortages in orders will be considered unless presented within 3 days after receipt of products. Any shipping weights given or estimated are approximate for the Buyer's convenience only and not guaranteed by the Crown Boiler Co.

8. LIMITS OF BREACH OF CONTRACT – Any action for breach of contract, including any action for breach of warranty, must be commenced within one year after the cause of action occurs.

9. PRODUCT CHANGES – Factors beyond Crown Boiler Co.'s control and the need for continuing improvement require the making of changes in products from time to time. Crown Boiler Co. reserves the right to make reasonable changes in products of any kind without notice, and to deliver revised designs or models of products against any order, unless this right is specifically waived by it in writing. Crown Boiler Co. shall have no responsibility whatever with respect to changes made by the manufacturer in products sold but not manufactured by it.

10. PATENTS – Products manufactured and sold by Crown Boiler Co. may be used by the Buyer pursuant to such patent rights as exist with Crown Boiler Co. Crown Boiler Co. shall not be liable for any use to which any such products may be put as part of any system, mechanism or process covered by patent rights of others.

11. TESTS – If tests are requested by the Buyer to determine the performance of products covered by Crown Boiler Co.'s quotation, the test procedure to be used must be acceptable to Crown Boiler Co. and the Buyer is responsible to pay for the costs of any such test.

12. CONFLICTING PROVISION OFFERED BY BUYER – Any terms and conditions of Buyer's purchase order, in connection with the subject matter of this document, which are in addition to or inconsistent with the terms and conditions expressed herein, will not be binding on Crown Boiler Co., in any manner whatsoever unless accepted by Crown Boiler Co., in writing. Crown Boiler Co. shall ship the products referred to in this document only on the understanding that the terms and conditions of sale set forth hereon shall be binding on the Buyer. The Buyer should accept such products only if it agrees to be bound by these terms and conditions.

13. ADDITIONAL INFORMATION – Additional information regarding warranties on our products are available at www.crownboiler.com.

14. APPLICABLE LAW – This contract shall be governed by, construed and enforced by the laws of the Commonwealth of Pennsylvania.

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Philadelphia, PA 19134
Phone (215) 535-8900
Fax (215) 535-9736
www.CrownBoiler.com

TPB - 07/14
PN 980530